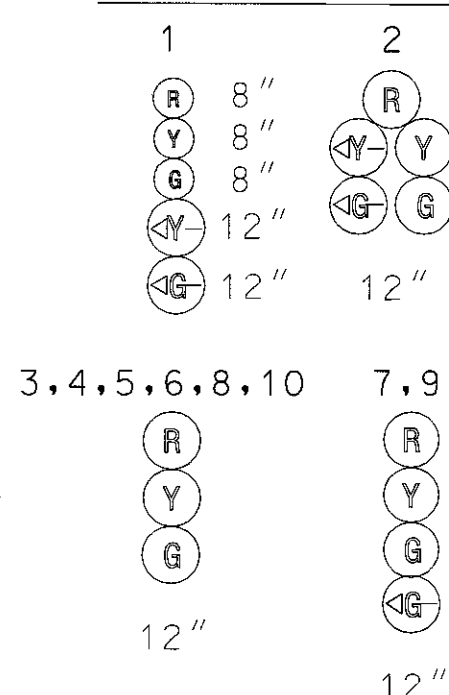
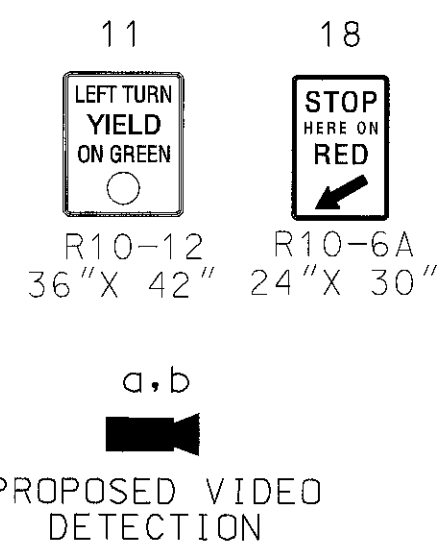


MD 7 IS CONSIDERED
TO RUN IN AN EAST/ WEST DIRECTION

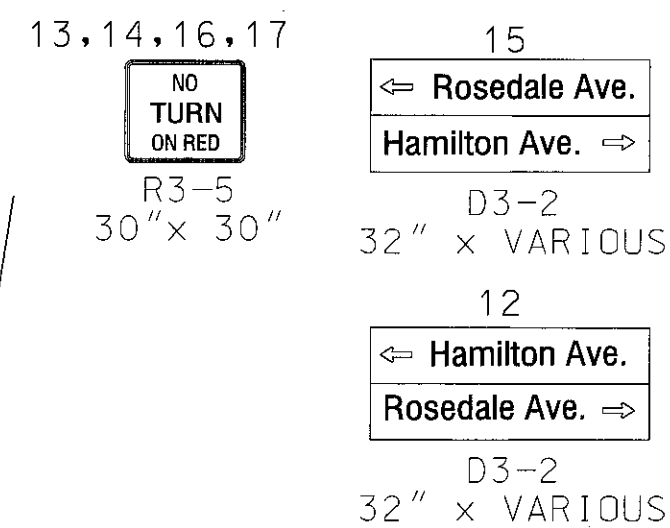
PROPOSED SIGNALS



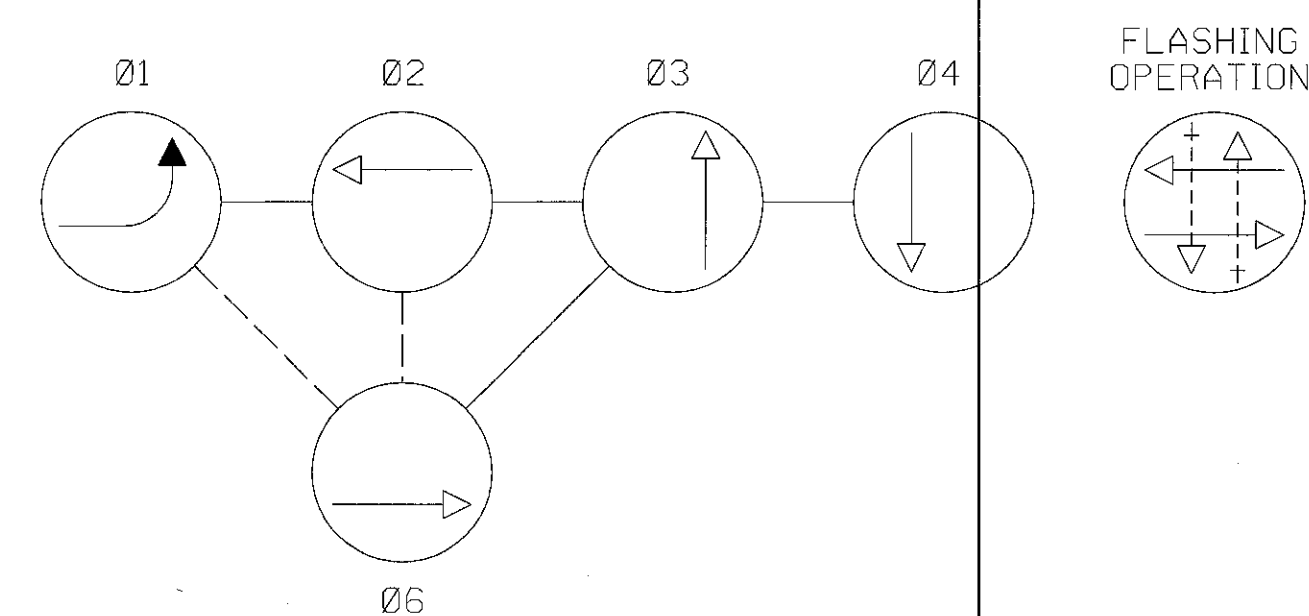
PROPOSED SIGNS



EXISTING SIGNS



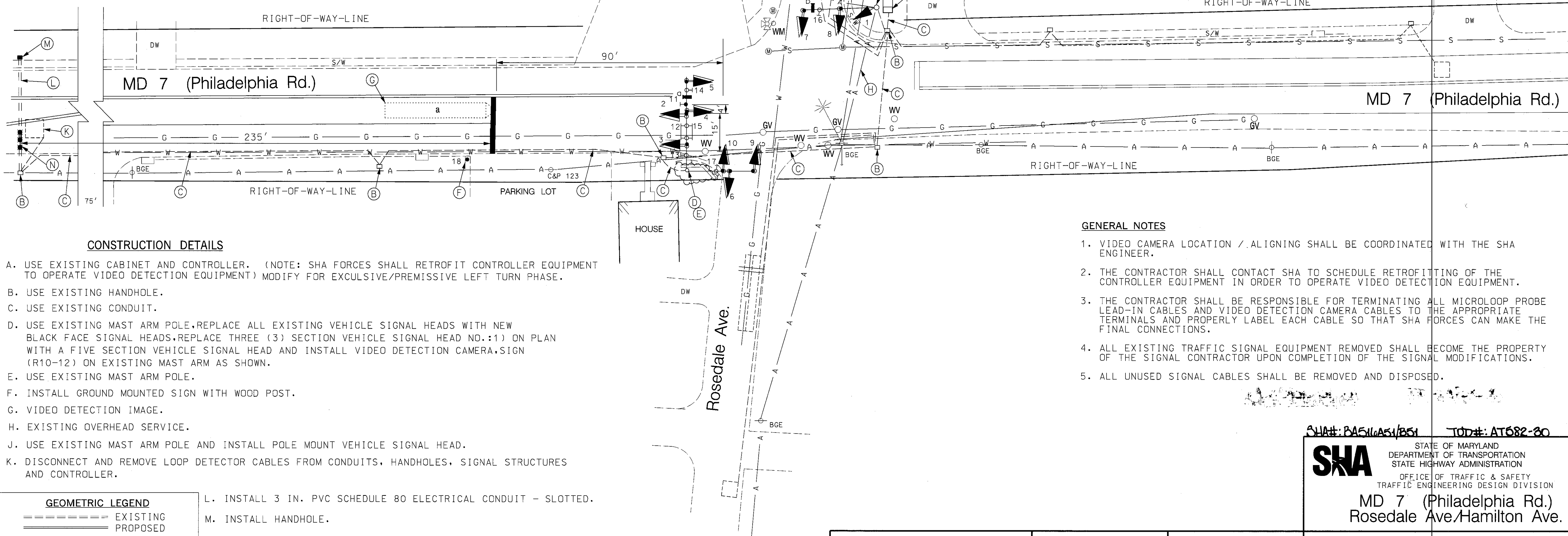
NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

TO BALTIMORE CITY

TO MD 588



CONSTRUCTION DETAILS

- A. USE EXISTING CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT) MODIFY FOR EXCLUSIVE/PREMISSIVE LEFT TURN PHASE.
B. USE EXISTING HANDHOLE.
C. USE EXISTING CONDUIT.
D. USE EXISTING MAST ARM POLE. REPLACE ALL EXISTING VEHICLE SIGNAL HEADS WITH NEW BLACK FACE SIGNAL HEADS. REPLACE THREE (3) SECTION VEHICLE SIGNAL HEAD NO.:1) ON PLAN WITH A FIVE SECTION VEHICLE SIGNAL HEAD AND INSTALL VIDEO DETECTION CAMERA, SIGN (R10-12) ON EXISTING MAST ARM AS SHOWN.
E. USE EXISTING MAST ARM POLE.
F. INSTALL GROUND MOUNTED SIGN WITH WOOD POST.
G. VIDEO DETECTION IMAGE.
H. EXISTING OVERHEAD SERVICE.
J. USE EXISTING MAST ARM POLE AND INSTALL POLE MOUNT VEHICLE SIGNAL HEAD.
K. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL MICROLOOP PROBE LEAD-IN CABLES AND VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS.
4. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATIONS.
5. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

GEOMETRIC LEGEND

===== EXISTING
===== PROPOSED

UTILITY LEGEND

SD SD STORM DRAIN
G G GAS MAIN
W W WATER MAIN
S S SEWER MAIN
E E ELECTRIC CABLES
A A AERIAL CABLES
T T TELEPHONE CABLES
F F FIBER-OPTIC

- L. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
M. INSTALL HANDHOLE.
N. INSTALL NON-INVASIVE LOOP DETECTION.

BAI

BRUDIS & ASSOCIATES, INC.
CONSULTING ENGINEERS

9220 RUMSEY ROAD SUITE 110
COLUMBIA, MARYLAND 21045
410-884-3607 410-884-3609 (FAX)

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

SCALE 1"=20' DATE 12/22/1978 CONTRACT NO. B-532-501-485

DESIGNED BY STEVE RENZI COUNTY BALTIMORE
DRAWN BY STEVE RENZI LOGMILE 03000700.66
CHECKED BY T.I.M.S. NO. 6-840
F.A.P. NO. TOD NO. 1653C

DRAWING NO. - OF SHEET NO. 1 OF 3

PLOTTED: \$DATE\$TIME\$
FILE: \$FILES\$